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PRODUCTIVITY MANAGEMENT

Precision at Work

LEADING EDGE AUTOMATION

OUR SERVICES

TCM Systems is your competent partner for the automation and optimization of your production. Our service portfolio ranges from manufacturing devices and equipment for professional prototype production through to mass production plants. Decades of know-how paired with innovative, standardized state-of-the-art technology modules and professional software solutions guarantees highest production performance and assures our customers maximum competitive advantages with lasting effect.

Leading Edge Manufacturing Concept

Sustainably productive production requires new production lines or upgrading and renewing existing facilities and processes that are no longer current state of technology. Industry 4.0 concepts are designed according to your specifications and they are developed, designed and then implemented in in-house production and assembly. Manufacturing technologies are based on „best practice“ philosophies with fully automated testing technologies such as automatic optical (AOI) systems, as well as combined with electrical and functional controls to guarantee the highest yield rates, continuous monitoring of process quality, maximum cycle times and machine availability.

Turn-key project management

- > Process analysis, consulting and concept development, system configuration
- > Process automation of component, module and final assembly - production areas
- > Special machine and fixture construction
- > In-house CNC manufacturing, assembly and electronics manufacturing
- > Software development (SPS, PLC and PC)
- > Integration of test technologies
- > Automatic Optical Inspections (AOI systems)
- > CE-compliant design & manufacturing
- > Commissioning, maintenance & service

Fixture construction

Fixtures and production tools are designed, constructed and manufactured by us according to customer specifications – from prototype construction to mass production.

Measuring and testing technology

Safe and stable process quality is the basis for high quality and efficient product manufacturing. With customer-specific testing devices and functional testing systems developed by TCM Systems, we assure the greatest transparency of your production quality and thus deliver the basis for rapid and permanent process improvements.

Automation technology

In the field of automation technology, we offer our customers comprehensive advice and support from a single source, which is exactly tailored to your wishes. We develop solutions for maximum economy, and operator and maintenance friendliness. This includes cross-sector best-practice models.

Automation – Plant Development – Plant upgrades

In the area of production automation, we are your partner for standard and individual solutions. We develop and build special equipment and machines for key processes like assembling, weighing, mixing, conveying, moving and dosing of liquids and components, modules and end products. Our specialists work together with you develop a technical and economically feasible solution. From your requirements, ideas or wishes, we develop feasible concepts. Our team is your competent partner – from the construction to plant support and maintenance.

If your existing facilities and processes require increased profitability, our specialists can help. By the use of appropriately optimized software and hardware, we can uncover and analyze weak points. Our compact solution suggestions serve your quality improvement and maximization of production. TCM – on behalf of your productivity!



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